Title (en)

PROFILE CONTROL METHOD

Publication

EP 0480051 A4 19920603 (EN)

Application

EP 91906571 A 19910401

Priority

JP 8786990 A 19900402

Abstract (en)

[origin: WO9115335A1] A profile control method by which a work is machined by profiling a model with a tracer head. Two axes (X, Y axes) NC-instruct an instruction path and a speed, and three axes (X, Y, Z axes) make profile control. An NC instruction speed is changed by an override circuit (2b) so that the NC instruction speed (F) is in conformity with a combined speed of the three axes by the profile control, and as a speed Fd is sent to an interpolator (2a). The path by the two axes serves as an NC instruction path, the speed acts as profile control speed and they provide a motion which is equivalent to the profile control path by the three axes.

IPC 1-7

B23Q 35/12

IPC 8 full level

B23Q 33/00 (2006.01); **B23Q 35/123** (2006.01); **G05B 19/18** (2006.01)

CPC (source: EP US)

B23Q 35/123 (2013.01 - EP US); **G05B 19/18** (2013.01 - EP US); G05B 2219/50167 (2013.01 - EP US)

Citation (search report)

- [Y] EP 0215128 A1 19870325 - FANUC LTD [JP]
- [YP] EP 0386791 A2 19900912 - HITACHI LTD [JP], et al
- [A] EP 0226643 A1 19870701 - FANUC LTD [JP]
- See references of WO 9115335A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

WO 9115335 A1 19911017; EP 0480051 A1 19920415; EP 0480051 A4 19920603; JP H03287348 A 19911218; US 5309364 A 19940503

DOCDB simple family (application)

JP 9100432 W 19910401; EP 91906571 A 19910401; JP 8786990 A 19900402; US 77394291 A 19911125